

## **Building the Third Runway**

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# Sea-Tac Airport

- Located between Seattle & Tacoma
- 17<sup>th</sup> busiest in U.S.
- Served 29.3 million in 2005
- 341,762 operations in 2005







### Third Runway Timeline

- Determined need in 1992
- Environmental impact statement: 1996
- Permits issued but challenged for years
- Litigation continued into 2004
- Final permits upheld in 2004







# A Massive Project









### Work to date









#### Legal and Permitting Issues

- More than 20 lawsuits over the runway
- Required both federal and state permits
  - Army Corps of Engineers for filling wetlands
  - State Department of Ecology water quality certification

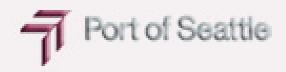






#### The Dirt Haul

- Imported 14 million cubic yards of fill
  - 3 million cubic yards from on-site
- Trucks ran 60/hour; 20 hours/day
- In 3 years, drove 28 million miles
- No serious truck accidents







# Embankment Work Site









### Wheel Wash









### **Embankment Retaining Walls**







# Completed Wall







#### Miller Creek Relocation







#### Creek Restoration

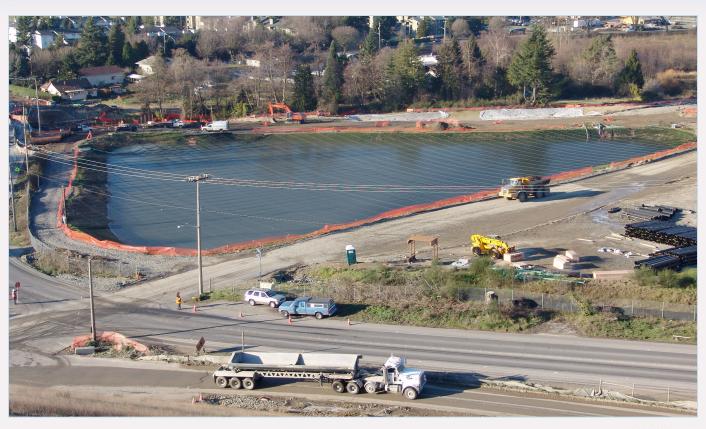








#### Storm Water Detention Pond









## Storm Water Treatment









#### Before and After









# Thank You





